

(excluding M 325K, 340L, 341, and 362K)

Bachelor of Science in Computer Science (BS) 2020–22 Checklist

CORE CURRICULUM Core courses must be chosen from approved lists. bit.ly/1d6oP6l	Minimum Hours Required	OPTION 1: COMPUTER SCIENCE	Minimum Hours Required
,		Linear Algebra:	3
First Year Signature Course	3	M 340L, SDS 329C, or M 341	
English Composition	3	Probability:	3
Humanities	3	SDS 321 or M 362K	3
American & Texas Government	6	_	
American History Social & Behavioral Science	3	Programming:	6
Mathematics (Fulfilled by course in major)	0	_ CS 312 CS 314 or 314H	
Science & Technology-I (Fulfilled by courses in major)	0	-	
Science & Technology-II (Fulfilled by courses in major)	0	Theory:	6
Visual & Performing Arts	3	- CS 311 or 311H CS 331 or 331H	
SKILLS & EXPERIENCE FLAGS		Systems: CS 429 or 429H	8
Flags attached to courses are displayed in the online Course Schedule.		CS 429 of 429H CS 439 or 439H	
Two Writing Flags:		24 additional upper-division CS hours	24
 Core Writing Flag (cannot also fulfill another core curriculum requirement) Additional Writing Flag Note: One of the two writing flags must be upper-division. 		Note: 9 of the 24 upper-division CS hours are substituted for a 3rd course from approved lists in programming, theory, and systems.	
One Quantitative Reasoning Flag		All transfer coursework must be approved by faculty before it	
One Global Cultures Flag		can count towards a computer science degree, except where equivalency is specified by state regulations.	
One Cultural Diversity in the U.S. Flag			
One Ethics and Leadership Flag			
One Independent Inquiry Flag		ELECTIVES Enough elective hours to reach 120 total	VARY
FOREIGN LANGUAGE		(The number of elective hours needed may vary depending on course selections.)	VAINT
1 of the following:	6–12	,	
 a. Beginning level proficiency in a foreign language b. 1st course in a foreign language & 1 three-hour course in the culture of the same language area c. 2 three-hour courses from the same foreign culture area Foreign culture courses selected from approved lists maintained by the college. Bit.ly/19Ao6pc INTRODUCTORY SCIENCE M 408C & 408D, or 408N & 408S & 408M 	8–12		
1 of the following science sequences: a. Biology: BIO 311C & 311D, or 315H & 325H b. Chemistry: CH 301, 301C, or 301H; & CH 302, 302C, or 302H c. Physics for engineering majors: PHY 303K & 103M and 303L & 103N d. Physics for physics majors: PHY 301 & 101L and 316 & 116L e. Physics for pre-medical majors: PHY 317K & 117M and 317L & 117N 1 additional course or pair of courses from the science sequence lists, in a different field	6-8	- Zozo zz outaiog expires August zozo	
of study, or 1 of the following:	3	_	
a. GEO, 3 hours, majors-level b. Mathematics, 3 upper-division hours (excluding M 325K 340L 341 and 362K)		-	